L Number		Search Text	DB	Time stamp
1	6	("6258454" or "6319674" or "6444248").pn.	USPAT;	2003/05/20 07:03
į l			US-PGPUB;	İ
_ i	2		DERWENT	1 0000 40- 400 - 41 - 4
2	9	lefkowitz.in. and agilent.as.	USPAT;	2003/05/20 06:54
<u> </u>			US-PGPUB;	İ
1 ₃ ;	8	[("5919523" or "5843655" or "5830539" or	USPAT;	2003/05/20 07:08
		"5747244").pn.	US-PGPUB;	
			DERWENT	İ
4	1	((("6258454" or "6319674" or	USPAT;	2003/05/20 07:08
		"6444248").pn.) or (("5919523" or "5843655" or "5830539" or "5747244").pn.))	US-PGPUB;	Į.
		and "non covalent"	DERWENT	!
j 5	2		USPAT;	2003/05/20 07:50
!		"6444248").pn.) or (("5919523" or	US-PGPUB;	1
]		"5843655" or "5830539" or "5747244").pn.))	DERWENT	!
	2	and "non covalently"		
6	3	1 ((() 02-1-01 02 00250.	USPAT;	2003/05/20 07:13
		"6444248").pn.) or (("5919523" or "5843655" or "5830539" or "5747244").pn.))	US-PGPUB; DERWENT	
! i		and "non covalent") or (((("6258454" or	DEWASIAI	
		"6319674" or "6444248").pn.) or		
¦ 1		(("5919523" or "5843655" or "5830539" or		
		"5747244").pn.)) and "non covalently")		i
7	3370	(microarray or blochip or "dna chip" or	USPAT;	2003/05/20 07:14
!		"dna array" or "gene chip" or "gene (array") and (absorb\$3 or "non covalent" or	US-PGPUB; DERWENT	1
		"non covalentiy")	DEKWENI	i
8	547	((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 07:52
}		"dna array" or "gene chip" or "gene	US-PGPUB;	
		array") and (absorb\$3 or "non covalent" or	DERWENT	
į į		"non covalently")) and (polymer\$5 or gel		
ļ		or matrix) same (absorb\$3 or "non covalent" or "non covalently")	l I	İ
9	232	(((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 07:53
'		"dna array" or "gene chip" or "gene	US-PGPUB;	20037 037 20 07.33
	i	array") and (absorb\$3 or "non covalent" or	DERWENT	
l i		"non covalently")) and (polymer\$5 or gel		
		or matrix) same (absorb\$3 or "non		i
ļ	1	covalent" or "non covalently")) and polymer\$5 same (vinyl or acrylamide or		į į
		polyacrylamide)		ļ.
10	23		USPAT;	2003/05/20 07:24
	;	"dna array" or "gene chip" or "gene	US-PGPUB;	
!		array") and (absorb\$3 or "non covalent" or	DERWENT	į
j	İ	"non covalently")) and (polymer\$5 or gel	1	
	ļ	or matrix) same (absorb\$3 or "non covalent" or "non covalently")) and		1
	ĺ	polymer\$5 same (vinyl or acrylamide or		
		polyacrylamide)) and "reactive site"	!	'
11	0	((((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 07:25
		"dna array" or "gene chip" or "gene	US-PGPUB;	
ļ		array") and (absorb\$3 or "non covalent" or	DERWENT	!
	ĺ	"non covalently")) and (polymer\$5 or gel or matrix) same (absorb\$3 or "non	İ	
Ì		covalent" or "non covalently")) and		
		polymer\$5 same (vinyl or acrylamide or		!
	ļ	polyacrylamide)) and polyvinylamine		
12	ا د	((((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 07:25
Ι.	j	"dna array" or "gene chip" or "gene	US-PGPUB;	!
ŀ		array") and (absorb\$3 or "non covalent" or "non covalently")) and (polymer\$5 or gel	DERWENT	
ļ į		or matrix) same (absorb\$3 or "non	i I	
		covalent" or "non covalently")) and	I	
	}	polymer\$5 same (vinyl or acrylamide or		į
		polyacrylamide)) and "poly vinyl amine"	Ì	}
13	176 j	heller.in.and gel	USPAT;	2003/05/20 07:40
	I.		US-PGPUB;	
	1		DERWENT	!

14	17	((· · · · · · · · · · · · · · · · ·	USPAT;	2003/05/20 07:28
		covalently" or "non covalent")	US-PGPUB;	
1 15	13	((((microarray or biochip or "dna chip" or	DERWENT USPAT;	2003/05/20 07:28
		"dna array" or "gene chip" or "gene	US-PGPUB;	2003/03/20 07:28
	:	array") and (absorb\$3 or "non covalent" or	DERWENT	i
1		"non covalently")) and (polymer\$5 or gel		
	!	or matrix) same (absorb\$3 or "non	! !	
!		covalent" or "non covalently")) and		
		polymer\$5 same (vinyl or acrylamide or polyacrylamide)) and (heller.in.and ge!)		
16	1 0		USPAT	2003/05/20 07:39
1 17	-	nanogen.as.and gel	USPAT;	2003/05/20 07:40
	I	,	US-PGPUB;	
1			DERWENT	;
18	4.3	(mrorogenia) or	USPAT;	2003/05/20 07:41
!		biochip or "dna chip" or "dna array" or "gene chip" or "gene array") and (absorb\$3	US-PGPUB;	
	!	or "non covalent" or "non covalently"))	DERWENT	
19	12	((nanogen.as.and gel) and ((microarray or	USPAT;	2003/05/20 07:41
I		biochip or "dna chip" or "dna array" or	US-PGPUB;	2003/03/20 07:41
	i	"gene chip" or "gene array") and (absorb\$3	DERWENT	
1		or "non covalent" or "non covalently")))		
	1	and (((microarray or biochip or "dna chip"	I	
ļ		or "dna array" or "gene chip" or "gene array") and (absorb\$3 or "non covalent" or		
		"non covalently")) and (polymer\$5 or gel	 	
]	or matrix) same (absorb\$3 or "non		Ì
!		covalent" or "non covalently"))	 :	<u> </u>
20	1	(lefkowitz.in. and agilent.as.) and ("non	USPAT;	2003/05/20 07:50
		covalent" or "non covalently")	US-PGPUB;	Ţ
21	. 201		DERWENT	i
2-	201	((microarray or biochip or "dna chip" or "dna array" or "gene chip" or "gene	USPAT; US-PGPUB;	2003/05/20 08:12
]	array") and (absorb\$3 or "non covalent" or	DERWENT	
	i	"non covalently")) and (polymer\$5 or gel	1351(15.11	!
! !		or matrix) same ("non covalent" or "non	I	
	!	covalently")		
22	146	(((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 08:00
ı İ		"dna array" or "gene chip" or "gene array") and (absorb\$3 or "non covalent" or	US-PGPUB;	
}	İ	"non covalently")) and (polymer\$5 or gel	DERWENT	l i
į	j	or matrix) same ("non covalent" or "non		
	: 	covalently")) and polymer\$5 same (vinyl or	i	i :
!	}	acrylamide or polyacrylamide)		
24	0	((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 07:54
ļ :		"dna array" or "gene chip" or "gene array") and (absorb\$3 or "non covalent" or	US-PGPUB;	
1		"non covalently")) and "gel pad" and ("non	DERWENT	! :
		covalent" or "non covalently") near5 gel		l i
25	0	((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 07:54
		"dna array" or "gene chip" or "gene	US-PGPUB;	l
ļ			DERWENT	!
i		"non covalently")) and ("non covalent" or "non covalently") near5 gel		·
23	6	<pre>((((microarray or biochip or "dna chip" or ")</pre>	HODAT.	2003/05/20 07:57
: 2.57	°	"dna array" or "gene chip" or "gene	USPAT; US-PGPUB;	2003/05/20 07:57
}	i	array") and (absorb\$3 or "non covalent" or	DERWENT	
 -		"non covalently")) and (polymer\$5 or gel		
!	i	or matrix) same ("non covalent" or "non		
] -		covalently")) and polymer\$5 same (vinyl or		İ
!		acrylamide or polyacrylamide)) and "gel pad"		
26		((microarray or blochip or "dna chip" or	USPAT;	2003/05/20 07:57
i		"dna array" or "gene chip" or "gene	US-PGPUB;	2003/03/20 01:31
ļ		array") and (absorb\$3 or "non covalent" or	DERWENT	
<u></u> _i		"non covalently")) and illumina.as.		· [

<u> </u>	137	(((microarray or blochip or "dna chip" or		2003/05/20 08:00
1		"dna array" or "gene chip" or "gene	US-PGPUB;	1
:		array") and (absorb\$3 or "non covalent" or "non covalently")) and (polymer\$5 or gel	DERWENT	
		or matrix) same ("non covalent" or "non		i
1		covalently")) and polymer\$5 same (vinyl or	1	\
		acrylamide or polyacrylamide)) not		
İ		(((heller.in.and gel)) and ("non	1	1
	i i	covalently" or "non covalent"))		
28	126	(((((microarray or blochip or "dna chip"	USPAT:	2003/05/20 08:00
	İ	or "dna array" or "gene chip" or "gene	US-PGPUB;	
İ		array") and (absorb\$3 or "non covalent" or	DERWENT	
1	ĺ	"non covalently")) and (polymer\$5 or gol		!
		or matrix) same ("non covalent" or "non covalently")) and polymer\$5 same (vinyl or	1	İ
	i	acrylamide or polyacrylamide)) not		
\	<u> </u>	(((heller.in.and gel)) and ("non	i	
1		covalently" or "non covalent"))) not		
	1	(((((microarray or biochip or "dna chip"	i I	
, }		or "dna array" or "gene chip" or "gene		
	i	array") and (absorb\$3 or "non covalent" or	I	
Ì		"non covalently")) and (polymer\$5 or gel		
ļ	i	or matrix) same (absorb\$3 or "non	Į.	į
		covalent" or "non covalently")) and		
	1	polymer\$5 same (vinyl or acrylamide or polyacrylamide)) and "reactive site")		
29	54	polyacrylamide); and "reactive site"; (((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 08:55
1 2 3		"dna array" or "gene chip" or "gene	US-PGPUB;	2003/03/20 08:55
	1	array") and (absorb\$3 or "non covalent" or	DERWENT	
i		"non covalently")) and (polymer\$5 or gel		
Į.	1	or matrix) same ("non covalent" or "non	ĺ	
ĺ		covalently")) and (polymer\$5 or gel or		
	i	matrix) same (entrap\$5)		
3C	263	[, , , , = = = =]	USPAT;	2003/05/20 08:31
<u> </u>	1	"dna array" or "gene chip" or "gene array") and (absorb\$3 or "non covalent" or	US-PGPUB;	
		"non covalently")) and (polymer\$5 or gel	! DERWENT	
į		or matrix) same ("non covalent" or "non		İ
		covalently")) and (polymer\$5 or gel or		ļ
İ		matrix) same (nucleic or oligonucleotide		
!		or probe)	ĺ	ļ
31	52	((((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 08:31
	_	"dna array" or "gene chip" or "gene	US-PGPUB;	!
	i	array") and (absorb\$3 or "non covalent" or	DERWENT	
!	i	<pre>"non covalently")) and (polymer\$5 or gel or matrix) same ("non covalent" or "non</pre>		i
		covalently")) and (polymer\$5 or gel or		ļ
 	1 !	matrix) same (entrap\$5)) and		İ
	1	((((microarray or biochip or "dna chip" or		1
<u> </u>	1 !	"dna array" or "gene chip" or "gene		
	1	array") and (absorb\$3 or "non covalent" or		1
 -	į	"non covalently")) and (polymer\$5 or gel		
	1	or matrix) same ("non covalent" or "non		1
 -		covalently")) and (polymer\$5 or gel or		
]	<pre>matrix) same (nucleic or oligonucleotide or probe);</pre>		i i
32	281	(((microarray or biochip or "dna chip" or	USPAT:	2003/05/20 08:56
	!	"dna array" or "gene chip" or "gene	US-PGPUB;	2003/03/20 00:30
		array") and (absorb\$3 or "non covalent" or	DERWENT	ļ
	!	"non covalently")) and (polymer\$5 or gel	_	İ
		or matrix) same ("non covalent" or "non		:
	ı İ	covalently")) and (polymer\$5 or gel or		1
	!	matrix) same ("non covalent" or "non		
33	j 79	covalently" or entrap\$5)		0000/05/00 00 00
J.J	¦ '9 i	(((microarray or biochip or "dna chip" or "dna array" or "gene chip" or "gene	USPAT;	2003/05/20 09:24
	!	array") and (absorb\$3 or "non covalent" or	US-PGPUB; DERWENT	
	j	"non covalently")) and (polymer\$5 or gel	JERWEN.	į
	! ;	or matrix) same ("non covalent" or "non		
	Į J	covalently")) and (polymer\$5 or gel or		
	:	matrix) near8 ("non covalent" or "non		:
		covalently" or entrap\$5)		

			· · · · · · · · · · · · · · · · · · ·	
35	11	1 2 =	USPAT;	2003/05/20 09:36
		covalently")	US-PGPUB;	Į
ì	}	I	DERWENT	1
36	10	("4731325" "4868105" "5585481"	USPAT	2003/05/20 09:36
i	!	"5604097" "5635400" "5654413"		1
Ì	j	"5723320" "5763175" "5846719"		
İ		'"5863722").PN.	i	
37	0	(("4731325" "4868105" ; "5585481"	USPAT;	2003/05/20 09:36
] "5604097" "5635400" "5654413"	US-PGPUB;	
	i	"5723320" "5763175" "5846719"	DERWENT	
ļ		"5863722").PN.) and ((((microarray or		ĺ
İ	1	biochip or "dna chip" or "dna array" or	i	į į
		"gene chip" or "gene array") and (absorb\$3		
i		or "non covalent" or "non covalently"))		
1	1	and (polymer\$5 or gel or matrix) same		
 		("non covalent" or "non covalently")) and		· !
	i	polymer\$5 same (vinyl or acrylamide or		
1		polyacrylamide)) and (polymer\$5 or gel or		
		matrix) near8 ("non covalent" or "non	1	
!		covalently" or entrap\$5))		1
34	41	((((microarray or biochip or "dna chip" or	USPAT;	2003/05/20 09:48
" '		"dna array" or "gene chip" or "gene	US-PGPUB;	2000,00,20 00.40
(ļ	array") and (absorb\$3 or "non covalent" or	DERWENT	1
	İ	"non covalently")) and (polymer\$5 or qel	- DIMMENT	į l
		or matrix) same ("non covalent" or "non		İ
	İ	covalently")) and polymer\$5 same (vinyl or		1
		acrylamide or polyacrylamide)) and		I i
	ĺ	(polymer\$5 or gel or matrix) near8 ("non	!	
		covalent" or "non covalently" or entrap\$5)	1	
38	1 74	((((microarray or biochip or "dna chip" or	, HODATI.	2003/05/20 09:48
၁၀	/ 4		USPAT;	2003/03/20 09:48
	1	"dna array" or "gene chip" or "gene	US-PGPUB;	1
		array") and (absorb\$3 or "non covalent" or	DERWENT	i !
		"non covalently")) and (polymer\$5 or gel		
1	1	or matrix) same ("non covalent" or "non	İ	i :
		covalently")) and (polymer\$5 or gel or		
	İ	matrix) same (nucleic or oligonucleotide	i	į
		or probe)) and (polymer\$5 or gel or		1
	i I	matrix) near8 ("non covalent" or "non	İ	
2.0		covalently" or entrap\$5)		0000/05/50 50 55
39	35	((((microarray or biochip or "dna chip"	USPAT;	2003/05/20 10:38
		or "dna array" or "gene chip" or "gene	US-PGPUB;	
1 1		array") and (absorb\$3 or "non covalent" or	DERWENT	i l
	!	"non covalently")) and (polymer\$5 or gel		į
		or matrix) same ("non covalent" or "non	İ	1
		covalently")) and (polymer\$5 or gel or	l	į
	İ	matrix) same (nucleic or oligonucleotide		!
		or probe)) and (polymer\$5 or gel or	i	
	i	matrix) near8 ("non covalent" or "non		!
]	covalently" or entrap\$5)) not	i	
	!	(((((microarray or biochip or "dna chip"		
		or "dna array" or "gene chip" or "gene	!	į l
		array") and (absorb\$3 or "non covalent" or		ļ
		"non covalently")) and (polymer\$5 or gel	I .	1
		or matrix) same ("non covalent" or "non		i
	 	covalently")) and polymer\$5 same (vinyl or	ļ	i l
		acrylamide or polyacrylamide)) and	I	
	[(polymer\$5 or gel or matrix) near8 ("non		1
		covalent" or "non covalently" or	I	1
		entrap\$5))	į	
40	l 59	"terminal transferase" near8 (immobiliz\$4	USPAT;	2003/05/20 09:51
	į .	or attach\$4)	US-PGPUB;	!
l 	!		DERWENT	ı İ

41	39 (((((microarray or biochip or "dna chip"	TICDAT	[3003/05/20 10.30
4.4	or "dna array" or "gene chip" or "gene	USPAT; US-PGPUB;	12003/05/20 10:38
j l	array") and (absorb\$3 or "non covalent" or		
!	"non covalently")) and (polymer\$5 or gel	DEKMENT	
i l	or matrix) same ("non covalent" or "non		
	· · · · · · · · · · · · · · · · · · ·		
	covalently")) and (polymer\$5 or gel or		
i İ	matrix) same (nucleic or oligonucleotide		!
	or probe)) and (polymer\$5 or gel or		
į i	matrix) near8 ("non covalent" or "non		!
	covalently" or entrap\$5)) not		Ĺ
	((((((microarray or biochip or "dna chip"		
1	or "dna array" or "gene chip" or "gene		
	array") and (absorb\$3 or "non covalent" or		
1	"non covalently")) and (polymor\$5 or gel		į
į	or matrix) same ("non covalent" or "non		1
	covalently")) and (polymer\$5 or gel or		
	matrix) same (nucleic or oligonucleotide		
l i	or probe)) and (polymer\$5 or gel or		
	matrix) near8 ("non covalent" or "non		I
1	covalently" or entrap\$5)) not		İ
į	(((((microarray or blochip or "dna chip"		<u> </u>
!	or "dna array" or "gene chip" or "gene		İ
1	array") and (absorb\$3 or "non covalent" or		
	"non covalently")) and (polymer\$5 or gel		l I
	or matrix) same ("non covalent" or "non		
	covalently")) and polymer\$5 same (vinyl or		!
	acrylamide or polyacrylamide)) and		Į.
	(polymer\$5 or gel or matrix) near8 ("non		
<u> </u>	covalent" or "non covalently" or		I
	entrap\$5)))		
<u></u>	1 0.1 (1.4 (1.7 (1.7 (1.7 (1.7 (1.7 (1.7 (1.7 (1.7		!

L Number	Hits	Search Text	DB	Time stamp
1	2	("6281006").pn.	USPAT;	2003/05/20 13:57
!	· ·		US-PGPUB;	!
i			DERWENT	
2	360	"redox polymer"	JSPAT;	2003/05/20 13:58;
· '		• •	US-PGPUB;	
j			DERWENT	1
4	6	"redox polymer" same (flexibl\$3 and	USPAT;	2003/05/20 13:58
1		mobil\$4)	US-PGPUB;	
			DERWENT	'
; 3	28	"redox polymer" same (flexibl\$3 or	USPAT;	2003/05/20 14:02
	İ	mobil\$4)	US-PGPUB;	
	1		DERWENT	1
5	22	("redox polymer" same (flexibl\$3 or	USPAT;	2003/05/20 14:02
]		mobil\$4)) not ("redox polymer" same	US-PGPUB;	!
		(flexibl\$3 and mobil\$4))	DERWENT	i